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May 26, 1994

PUB-NO: WO009410982A1

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TITLE: SUSTAINED-RELEASE MICROSPHERE CONTAINING ANTIPSYCHOTIC AND PROCESS FOR PRODUCING THE SAME

PUBN-DATE: May 26, 1994

INVENTOR-INFORMATION:

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INT-CL (IPC): A61K 9/16; A61K 31/445

EUR-CL (EPC): A61K009/16; A61K031/445

ABSTRACT:

A sustained-release microsphere produced by enclosing a hydrophobic antipsychotic such as bromperidol or haloperidol in a base comprising a biocompatible polymer such as polylactic acid or a lactic acid/glycolic acid copolymer. It can exhibit a desired pharmacological effect, where a long-term administration is necessary, by injecting once every 1 to 8 weeks instead of every day. As a result, a remarkable improvement can be expected in the compliance during maintenance therapy. In addition, the use of the biocompatible polymer serves to entirely dispense with surgical operations such as implantation, facilitates hypodermic and intramuscular injection just like the case of suspending injection, and can dispense with the withdrawal of the microsphere. Furthermore, the microsphere can be administered with little aversion and pain.

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<input type="checkbox"/>	L5	L4 and l2	67
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<input type="checkbox"/>	L3	lactide-co-glycolide	1352
<input type="checkbox"/>	L2	haloperidol	3114
<input type="checkbox"/>	L1	implant\$5	259322

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